



State Route 400/US 19 at County Road 145/Northridge Road Bridge Replacement

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Project Number: NH000-0056-01(061)
PI Number: 7515850-

Project Location:

The interchange at SR 400/US 19 at Northridge Road in the City of Sandy Springs, Fulton County.

Brief Project Description: This Design-Build project replaces the existing Northridge Road Bridge over SR 400 with a wider bridge to provide additional capacity to the interchange and to accommodate future anticipated operational and capacity improvements on SR 400. The new bridge will also have a sidewalk and bicycle lanes. Other project features include operational improvements to the SR 400 entrance and exit ramps at Northridge Road and the intersections of Northridge Road at Dunwoody Place and at Roberts Drive. The project will add new northbound and southbound exit lanes on SR 400 and new signage for the northbound exit ramp to Northridge Road; add a new roundabout to improve safety at Northridge and Somerset Court; and constructs a free flow exit lane from SR 400 northbound to Dunwoody Place. This reconstruction project was awarded to C.W. Matthews Contracting Company, Inc. at a contract cost of \$9,268,235.96 on February 12, 2013. The project is 100% funded by the State Road and Tollway Authority (SRTA) and the City of Sandy Springs. The contract duration is 30 months composed of 6 months for final design and 24 months for construction.

Project Schedule:

PIOHs:

December 7, 8, and 20, 2010; January 5 & 6, 2011; and December 5, 2011

Environmental Approval: June 29, 2012

Construction Start Date: October 4, 2013 (tentative)

Completion Date: September 30, 2015 (scheduled)

Background:

The project consists of 0.4 miles of widening along Northridge Road from just west of Dunwoody Place to just east of Somerset Court. The new bridge will consist of five 11-foot travel lanes, two 4-foot bike lanes, and one 13-foot free flow exit lane from northbound SR 400 to Dunwoody Place separated from the travel lanes on Northridge Road by 2-feet. Sidewalk will be on the south side of Northridge Road. The design speed is 35 mph to be consistent with the posted speed on the existing road. A roundabout will be constructed at the Northridge Road at Somerset Court intersection to address safety and vehicle crashes at that intersection.

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Construction Information for Residents and Businesses in the Project Area

Construction is currently scheduled to begin on October 4, 2013 and end on September 30, 2015. The work will be divided into three stages.

Stage 1:
October 2013 – Fall 2014

- Traffic will be shifted to four lanes on the south side of the existing Northridge Road bridge over SR 400 while the north side of the new bridge and roadway, including curb and gutter, sidewalk, and drainage are being constructed.
- To accommodate traffic volumes during this stage, the roadway shoulder will be expanded to carry traffic.
- Work on the east side of Roberts Drive along with widening of the north side of the ramp intersections will occur at this time.
- Pedestrian access will be across the south side of the bridge.
- Lane shifts will result in one less lane on Northridge.
- In order to reduce the traffic impacts later, the contractor has requested to work for 15 consecutive nights to prepare for construction of the new bridge. This work may have noise impacts for nearby residents and businesses, but will shorten the duration of the project traffic impacts. The additional night work will be from 9:00 PM through 5:00 AM during off peak hours which will allow the contractor to provide two (2) lanes of traffic in both directions during this construction stage.
- The alternative to allowing the fifteen (15) consecutive nights is that there will be lane closures every Saturday and Sunday from 9:00 AM until 6:00 PM

- for a minimum of four (4) months. The lane closure will consist of only having one (1) open lane in each direction going across the bridge which will cause very congested traffic conditions during the day.
- In late October, the north side of the existing bridge will be removed. Traffic will remain in four lanes on the south side of the existing bridge and pedestrian access will remain across the south side of the bridge.
 - Once the bridge pilings are complete, work will begin on construction of the new bridge structure.
 - There will be periodic single-lane closures on GA 400, both northbound and southbound, during both stages of the project.
 - Throughout the project duration, work will be confined primarily to nights and weekends to minimize impacts on traffic.
 - Construction Stage 1 is scheduled to last approximately one year.

Stage 2:
Fall 2014 – September 30, 2015 (Construction Stages 2 and 3 are scheduled to last approximately one year to the completion of the project.)

- Traffic will be shifted to the four lanes on the newly constructed north side of the Northridge Road Bridge over SR 400. During this stage, there will be no pedestrian access across the bridge over SR 400. Parents and students of Dunwoody Springs and Davis Academy elementary schools should plan for alternate ways to get to the schools, including carpools. Georgia DOT will announce the date for the removal in advance so that parents can prepare.
- The existing Northridge Road Bridge will be demolished and reconstructed, including curb and gutter, sidewalk, and drainage along the south side of Northridge Road.
- Work on the west side of Roberts Drive, construction of the northbound and southbound exit lanes on SR 400, along with widening of the south side of the ramp intersections will occur at this time. .
- Night work and weekend work will be performed during this stage.

Stage 3:
Final construction activities

- Traffic will be shifted to the final configuration on the new bridge and roadway.
- All medians along Northridge Road, Roberts Drive, Somerset Court, and Dunwoody Place will be installed, and the final paving surface will be placed.
- Pedestrian access will return to the south side of the bridge during this stage.
- Night work and weekend work may be performed during this stage.

Features of the completed project:

- When the new bridge is complete, it will include pedestrian access, bike lanes and a sidewalk on the south side.
- Construction of a new roundabout at Somerset Court will improve safety and traffic flow.
- Dedicated turn lanes for Dunwoody Place, Roberts Drive and Northridge Road will improve traffic flow and reduce congestion in this project corridor.
- Construction of the new gateway entrance to the Northridge Forest neighborhood by the Homeowner’s Association will complete this improvement project.

Additional project information:

Tree Removal

Several trees will be removed along the east sides of SR 400, the northbound entrance ramp, and Roberts Drive. The cleared areas will be grassed however GDOT and the contractor are examining options for replacement plantings.

Noise

This project is 100% state and locally funded and environmentally cleared under a Georgia Environmental Policy Act (GEPA) document, therefore noise analysis was not required or performed. No noise mitigation measures are included within this project.

Roundabout

A single lane roundabout will be constructed at the Northridge Road/ Somerset Court intersection. The City or the neighborhood can add landscaping to the center island under another project in the future.

Pond Siltation

The contractor will provide additional erosion control devices and increase monitoring of the existing drainage ponds beyond typical requirements.

Georgia DOT’s Office of Communications is committed to providing you with information on this project so that you can plan ahead to avoid construction-related traffic delays. Contact Rick Parham at 404-631-1829 or Mark McKinnon at 404-326-6672.